

***F*ORTHCOMING PUBLICATIONS (B)**

October 2003, Vol 77, No. 5

Astrophysics, Atmospheric & Space Physics

Forbush decreases in cosmic radiation : effects of solar flares associated with type IV radio bursts and with different field orientations at flare sites

BADRUDDIN AND Y P SINGH

Numerical modeling for the study of ozone transport in sea-breeze circulations at Sfax (Tunisia)

A MAALEJ, C AZRI, K MEDHIOUB AND R ROSSET

Total column density of ozone at coastal station Devgad (16° 24'N, 73° 26' E) measured using portable visible spectrometer

M B DONGARE, T B MANI AND D B JADHAV

General Physics

Molecular interaction study in binary mixtures of N, N-dimethylacetamide with 2-ethoxyethanol at three different temperatures

DEBASHIS DAS AND DILIP K HAZRA

Ultrasonic studies on solutions of hydroxy propyl methyl cellulose phthalate in alcohols and acetone mixture

D GEETHA AND C RAKKAPPAN

Stability of superposed viscous-viscoelastic (Walters' B') fluids in porous medium in hydrodynamics and hydromagnetics

R C SHARMA AND SANJEEV GANGTA

Excess effective Debye temperature of binary liquid mixtures from sound velocity measurements at 298.15 K

V VYAS, P JAIN AND T NAUTIYAL

Optics & Spectroscopy

Spectroscopic study of the molecular bands of HgCl : identification of the B ($^3\Sigma'$) \leftarrow X ($^2\Sigma'$) transition

T K SUBRAMANIAM

Gain clamped L-band EDFA with injection of C-band ASE

S W HARUN, N TAMCHEK AND H AHMAD

Fundamental frequencies of 2-iodo-5-nitro toluene from FT-Raman and FT-IR spectra

YOGESH KUMAR AGARWAL, P K VERMA AND K M LAL

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Plasma Physics

Study of kinetic Alfvén wave in the magnetized dusty plasma–particle aspect analysis

R P SHANDILYA, P VARMA AND M S TIWARI

Notes

Integrability of two coupled oscillators using complex coordinates

ROSHAN LAL AND S C MISHRA

Computation of acoustical parameters of pure liquids through simple C-program

S B KALYANA RAMAN, P VASANTHARANI AND P SELVAKUMARI

Vibrational spectra and analysis of 2-methyl para benzoquinone

E JAMES JEBASEELAN SAMUEL AND S MOHAN

A right isosceles triangular microstrip antenna in warm ionised plasma medium

V BHARDWAJ, D BHATNAGAR, J S SAINI AND K B SHARMA

Book Review